

Fattened His Cattle Without Chop

"If you have a rich soil and get a good catch, you have a great thing in alfalfa. We fattened our cattle on roots and alfalfa this past winter, and we never gave them a pound of chop. We never got as good results in years gone by when we fed lots of chop as we did this year with alfalfa and roots alone." In these words Mr. Harry G. Webber, of Peterboro Co., Ont., express himself in regard to his experience with alfalfa on Wednesday last week while he was conversing with the editors of Farm and Dairy in our office in Peterboro.

Mr. Webber has 15 acres seeded to alfalfa, which he cut last year for the first time. He took three cuttings and estimates that he got, putting it all at a very conservative estimate, at least three tons of cured alfalfa hay to the acre. The season in the Peterboro district last year was not especially favorable for hay, and the second cropping to the drought, was very short. Reckoning the hay crop for his district on the same estimate as he placed his alfalfa, Mr. Webber thought that tim-

he believed there was not a farm in the county but what had some land on which alfalfa could be grown successfully. He seeded his alfalfa with a nurse crop of barley, the barley being sown at the rate of one bushel to the acre. He used the nitro-culture as obtained from the O.A.C., Guelph, to inoculate his alfalfa seed with the bacteria so necessary for the successful growth of the alfalfa plants. "We certainly can grow alfalfa," said Mr. Webber, "and we all ought to grow it. I have yet to see any one who has a small piece of alfalfa but wishes that he had more. Last year I sold three tons of alfalfa hay on our local market. These three tons practically paid for the seed that it required to sow my 15 acres."

Alfalfa Beats Wheat Bran

Here is a case where alfalfa proved to be better than wheat bran for dairy cows. Mr. Gordon Mann, of Peterboro Co., Ont., who called at the office of Farm and Dairy on Saturday last, informed our editors that last summer he was feeding his cows two gallons of bran each per day, but as soon as the

Why Test Cows for Production?

D. M. Wilson, Dairy Commissioner, Kansas

The dairyman, to be successful, should know which is the profitable cow in the herd. There is but one sure and certain way to ascertain which is the best and most profitable animal; that is by keeping a correct record of the amount of milk and butter fat produced. I should like to interject here that unless the herd has received the proper care and attention it would be unjust to judge the cow to be unprofitable without first giving her an honest chance, as the kind and amount of feed will make a marked difference in the amount of milk and butter fat produced, provided that the cow is receiving the proper care.

The keeping of the record can be simplified by enlisting the help of the creamery or cream buyer of the vicinity. With the use of convenient blanks for each dairyman, he could weigh the night's and morning's milk of three days' production each month, and credit each cow according to her number with the weight given at each milking, and take a correct sample bottle bearing the number of the cow. The samples can be preserved by using the ordinary preserving tablets until delivered to the creamery or buyer. After making a correct test of this composite sample of milk, the tester could either report or could keep the record for each dairyman during the year. By this method, it will require very little effort on the part of all concerned.

The sum total of six milkings, or the three days' milk, can be added and multiplied by ten, which will give a fairly correct total of milk produced during the month. By keeping this record for the 12 months, the total pounds of butter fat produced by each cow can be calculated and will be approximately correct. By this means the farmer can dispose of the unprofitable cow and only

raise calves for the future herd from the best producers. The small expense incurred in doing the testing and keeping the record for each farmer by the creamery or buyer would not amount to very much per cow.

In Farm and Dairy last week, owing to a typographical error, it was announced that pure bred pigs would be given away for seven new subscriptions to Farm and Dairy. It should have read "nine new subscriptions to Farm and Dairy."

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Compton's Early Hand Sorted. An early variety and large yielder of fodder and grain. Write for prices.
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SEEDS

REGATED GRAIN Bush.

OATS—Seedling Abundance.....	\$1.00
" White Snow Drop	75
" Bumper King	75
" Irish White	65
" Mammoth Cluster	65
" White Jewel	65
" Banner	60
" Dauboney	60
" 20th Century	60
" Sensation	60
" Ligawa	65
ALL P.O.B. Guelph. Bags extra at 5c.	
BARLEY, O.A.C. 21, Special	
price	\$1.10 bush.
Bags extra. Another new lot just arrived.	
GOOSE WHEAT—Pancy.....	\$1.25 bush.
" Choice	1.10 bush.
SEED PEAS—Golden Vine	\$1.10 bush.
" Early Centennial	\$1.10
" Multipliers	\$1.10 bush.
Bags extra at 5c.	
RED CLOVER—Choice Government	
Standard	\$9.50 bush.
ALFALFA CLOVER—Choice Govern.	
ment Standard	\$13.50 bush.
Bags extra.	
TIMOTHY—Choice	\$7.00 bush.
THE HEWER SEED CO.	
90 Macdonnell St., East	
GUELPH, ONT.	

A Senior Two-year-old With a Butter Record of over 18 lbs. in 7 days

"Sady Jewel Pouch," the heifer here illustrated, is from the Hill Crest Herd of Holsteins, owned by G. A. Brethen, Norwood, Ont. Although milked up to within two weeks of feeblying she came on and made over 18 lbs. of butter in seven days. Mr. Brethen has had many private enquiries for a price on this heifer but with the others he offers, he has decided to let the public set the price at the Belleville Consignment Sale, April 13th.

othy and red clover, such as is commonly grown, averaged only about one ton per acre of cured hay per acre last year.

ALFALFA PAID WELL

"I am certain that there was no other feed on our farm last year that paid us so well as did our alfalfa. It surprised us how well our cattle did upon alfalfa hay. Our fattened cattle went on to the market at the beginning of February. Some of them were turned off in January. None of them got a bit of chop and they were fed entirely on alfalfa hay and roots and with splendid results, as I have stated. There will be considerable alfalfa sown in our district this spring. Several of our neighbors are talking of sowing alfalfa."

Some people say that 20 lbs. of alfalfa seed per acre is too much to sow. On this point Mr. Webber said: "I would sow 20 lbs. of seed by all means, and would strongly advise any one not to sow less than 20 lbs. to the acre. When we sow 20 lbs. of seed to the acre we get a thicker stand, which results in thinner stalks of better feeding quality. It is false economy to sow less than 20 lbs. of seed, and then when one sows plenty he is surer of getting a good stand."

PETERBORO LAND SUITABLE

Questioned as to the suitability of the land in Peterboro County for alfalfa culture, Mr. Webber replied that

alfalfa hay was available he dropped the bran and fed alfalfa; the cows immediately increased in their milk flow on receiving the alfalfa hay.

Our agricultural chemists have long told us that alfalfa was almost as good as bran in protein content, it having 11 per cent. of protein, whereas bran has 12 per cent. It is encouraging to note that in actual feeding results alfalfa gives so good an account of itself.

Alfalfa Where Other Crops Fail

The editors of Farm and Dairy learned last week of the favorable results secured by Mr. Robert Darling, of Smith Township, Peterboro Co., Ont., who sowed alfalfa on a field that is practically sand and gravel. He got a very fine crop.

Until Mr. Darling seeded this piece of land to alfalfa he had gotten but meagre returns from it. The alfalfa had been the only decent crop he has got off that piece of soil since he got the farm.

The Unselfish Farmers

(Ridgetown Dominion.)

The farmers made it clear to the politicians that they want no tariff favors for their products in Canada, and neither do they want the cost of living made dearer in Great Britain for their benefit.

Standard

INTERESTING FACTS

The new "STANDARD" book just published tells about the latest achievements in Cream Separators. It is not made up of FICTION but of FACTS.

About Cream Separators

It describes the perfect running, perfect skimming Separator shown here and explains why a Separator that runs in a bath of oil lasts longer and runs easier and steadier than one depending on an oil can and glass lubricators.

It also explains why the "STANDARD" Separator gets more cream from the milk than can be got with any other Separator.

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WRITE US NOW and you will be sent one of these books post paid, free of charge; also the facts of a recent contest at Port Rowan, Ont., in which the "STANDARD" demonstrated its skimming supremacy.

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